IN THE CLAIMS:

Claims 1 - 19 (Cancelled)

Claim 20 (Currently amended) In an endoluminal delivery device for deployment of an endoluminal therapeutic device at a desired location for treatment within the vasculature of a patient, the endoluminal delivery device including an elongated flexible tubular catheter having a proximal end and a narrowed, tubular ~~distal tip having a proximal end and a distal~~ end, the tubular distal end having a frustoconical shape, ~~tip having a surface defining a distal opening, and the tubular distal tip being formed of a yieldable material,~~ the improvement comprising:

[[said]] a tubular distal tip mounted to said distal end of said catheter, said tubular distal tip having an inner lumen and a distal end with a surface defining a distal opening, and said distal tip having a frustoconical shape corresponding to the frustoconical shape of the distal end of said catheter, and the diameter of the distal opening of the distal tip being smaller than a portion of the endoluminal therapeutic device for capturing and releasably retaining said portion of the endoluminal therapeutic device between said distal end of said catheter and said distal opening of said tubular distal tip; and

an elongated pusher member coaxially disposed within the elongated flexible tubular catheter and having a distal end adapted to contact and dislodge the portion of the endoluminal therapeutic device from said tubular distal tip.

Claim 21 (Previously presented) The endoluminal delivery device of claim 20, wherein said yieldable material is selected from the group consisting of a shape

memory polymer, a shape memory metal, an elastomer, polyethylene terephthalate and high density polyethylene.

Claim 22 (Previously presented) The endoluminal delivery device of Claim 20, wherein said tubular distal tip captures a stem portion of the endoluminal therapeutic device.

Claim 23 (Cancelled)